

Amendments to the Abstract

At page 33, under the heading “ABSTRACT OF THE DISCLOSURE”, please replace the original Abstract with the following amended Abstract, showing all changes relative to the original version, wherein strikethrough indicates a deletion and underlining indicates an addition.

A magnetron ~~in accordance with the present invention~~ is configured so that an antenna lead 17 connected to a desired position of an anode segment 2 passes through a magnetic pole piece 7 and a metal cylinder 8 so as not to make contact therewith and is connected to the output portion of the magnetron, and so that the electrical length L1 of this antenna lead 17 between the opening end of a third harmonic restraint choke 15 and the connection portion of the anode segment 2 is 1/2 of the wavelength (λ) of the third harmonic, thereby restraining the third harmonic and the side bands of the third harmonic.